

# How Plants Grow

## Project Learning Tree Activity #41

### Program of Studies

#### Science:

- S-P-SI-1 (Ask simple scientific questions that can be answered through observations.)
- S-P-SI-2 (Use simple equipment (e.g., aquariums), tools (e.g., magnifiers, spoons), skills (e.g., observing, pouring), technology (e.g., video discs), and mathematics in scientific investigations.)
- S-P-SI-3 (Use evidence (e.g., observations) from simple scientific investigations and scientific knowledge to develop reasonable explanations.)
- S-P-SI-5 (Communicate (e.g., speak, draw) designs, procedures, and results of scientific investigations.)
- S-P-SI-6 (Question scientific investigations and explanations of other students.)
- S-P-LS-1 (Organisms have basic needs (e.g., air, water, nutrients, light) and can only survive when these needs are met.)
- S-P-LS-2 (Behavior of individual organisms is influenced by stimuli (e.g., touch, hunger).)
- S-P-AC-3 (Recognize how science helps to understand characteristics of (e.g., density, size) and changes in populations.)

### Core Content

#### Science:

- SC-E-SI-1 (Ask simple scientific questions that can be investigated through observations combined with scientific information.)
- SC-E-SI-2 (Use simple equipment (e.g., magnifiers, magnets), tools (e.g., metric rulers, thermometers), skills (e.g., classifying, predicting), technology (e.g., electronic media, calculators, World Wide Web), and mathematics in scientific investigations.)
- SC-E-SI-3 (Use evidence (e.g., observations, data) from simple scientific investigations and scientific knowledge to develop reasonable explanations.)
- SC-E-SI-5 (Communicate (e.g., draw, graph, write) designs, procedures, observations and results of scientific investigations.)
- SC-E-SI-6 (Review and ask questions about scientific investigations and explanations of other students)
- SC-E-3.1.2 (Organisms have basic needs. For example, animals need air, water, and food; plants need air, water, nutrients, and light. Organisms can survive only in environments in which their needs can be met.)
- SC-E-3.3.2 (The world has many different environments. Distinct environments support the lives of different types of organisms. When the environment changes, some plants and animals survive and reproduce, and others die or move to new locations.)